

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Thamnophis marcianus</i> – checkered garter snake			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Only known from Cimarron NG in region 2; reaches northern limit of distribution here. Considered State Threatened species in Kansas. High confidence	•
2 Distribution outside R2	C	Vast majority of species' range occurs south and west of region 2. High confidence	•
3 Dispersal Capability	B	Moderate dispersal capability likely. Medium confidence	•
4 Abundance in R2	A	Appears to be rare in Cimarron NG; suggestions that pesticides have contributed to declines. Moderately common in other parts of range. High confidence	•
5 Population Trend in R2	D	No data available. High confidence.	•
6 Habitat Trend in R2	A	Some loss of suitable habitat in Cimarron NG likely due to water diversions. Medium confidence	•
7 Habitat Vulnerability or Modification	B	Due to limited range in region 2, any loss of habitat could be critical to this population. High confidence	•

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8 Life History and Demographics	B	Moderate reproductive rate, 2-3 years to sexual maturity, high neonate mortality. Medium confidence	•
Initial Evaluator(s): Dr. Stephen P. Mackessy			Date: 12/4/2001

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ to occur:

Occurs only on Cimarron NG in Region 2.

<u>Colorado NF/NG</u>		<u>Kansas NF/NG</u>		<u>Nebraska NF/NG</u>		<u>South Dakota NF/NG</u>		<u>Wyoming NF/NG</u>	
Known	Likely	Known	Likely	Known	Likely	Known	Likely	Known	Likely
		Cimarron NG	X	Samuel R. McKelvie NF		Black Hills NF		Shoshone NF	
				Halsey NF		Buffalo Gap NG		Bighorn NF	
				Nebraska NF		Ft. Pierre NG		Black Hills NF	
				Ogalala NG				Medicine Bow NF	
								Thunder Basin NG	

¹ Likely is defined as more likely to occur than not occur on the National Forest or Grassland. This generally can be thought of as having a 50% chance or greater of appearing on NFS lands.